

ABSTRACT

Disclosed are apparatus and methods of enhancing digital audio signals after compression and decompression. The methods and apparatus include receiving a digital decompressed audio signal, harmonically enhancing the signal, adding warmth to the signal, and combining and frequency equalizing the harmonically enhanced audio signal and the warmth enhanced audio signal to provide a digital enhanced decompressed audio signal. The apparatus is preferably provided in software as instructions to a DSP. Adjustments are included within the software for varying levels of the harmonic enhancing and for varying levels of the frequency equalizing. Methods of distribution are disclosed which include providing the software free with the inclusion in the software of either a one-time use, a partial use, a partially enhanced audio signal use, or non-save adjustments, and selling the software for a price without including the one-time use, the partial use, the partially enhanced audio signal use, or the non-save adjustments.